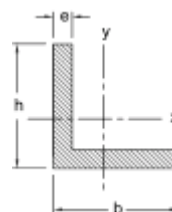


# STANDARD PROFILES



L - Equal angle profile	Page 2
L - Unequal angle profile	Page 3
Extruded flat bars	Page 4
Drawn flat bars	Page 7
Extruded rectangular tubes	Page 8
Extruded round tubes	Page 13
U - Profile tubes	Page 19
T & H - Profile tubes	Page 21

# STANDARD PROFILES



## L - EQUAL ANGLE PROFILE

b x h mm.	e mm.	Weight Kgm	Mix cm <sup>4</sup>	Wx cm <sup>3</sup>	Simagaltok 63 6063/6060	Simagaltok 82 6082
15 x 15	1,50	0,121	0,091	0,085	☐	☐
20 x 20	1,50	0,164	0,224	0,155	☐	☐
20 x 20	2,00	0,215	0,288	0,202	☐	☐
20 x 20	3,00	0,315	0,403	0,290	☐	☐
25 x 25	1,50	0,206	0,447	0,246	☐	☐
25 x 25	2,00	0,272	0,579	0,321	☐	☐
25 x 25	3,00	0,400	0,820	0,465	☐	☐
25 x 25	4,00	0,522	1,035	0,599	☐	☐
30 x 30	1,50	0,249	0,783	0,357	☐	☐
30 x 30	2,00	0,329	1,020	0,469	☐	☐
30 x 30	3,00	0,485	1,458	0,681	☐	☐
30 x 30	4,00	0,635	1,855	0,882	☐	☐
35 x 35	2,00	0,386	1,642	0,644	☐	☐
35 x 35	3,00	0,570	2,363	0,940	☐	☐
40 x 40	1,50	0,334	1,892	0,642	☐	☐
40 x 40	2,00	0,442	2,476	0,846	☐	☐
40 x 40	3,00	0,655	3,582	1,240	☐	☐
40 x 40	4,00	0,862	4,608	1,615	☐	☐
40 x 40	5,00	1,063	5,561	1,974	☐	☐
40 x 40	6,00	1,259	6,448	2,319	☐	☐
50 x 50	2,00	0,556	4,908	1,335	☐	☐
50 x 50	3,00	0,825	7,149	1,965	☐	☐
50 x 50	4,00	1,089	9,216	2,571	☐	☐
50 x 50	5,00	1,347	11,250	3,155	☐	☐
50 x 50	6,00	1,599	13,126	3,719	☐	☐
60 x 60	2,00	0,669	8,564	1,935	☐	☐
60 x 60	3,00	0,995	12,536	2,856	☐	☐
60 x 60	5,00	1,630	19,908	4,613	☐	☐
60 x 60	6,00	1,939	23,329	5,452	☐	☐
60 x 60	8,00	2,540	29,687	7,056	☐	☐
70 x 70	5,00	1,914	32,159	6,350	☐	☐
70 x 70	6,00	2,279	37,806	7,519	☐	☐
70 x 70	7,00	2,639	43,219	8,657	☐	☐
75 x 75	6,00	2,449	46,883	8,677	☐	☐
80 x 80	3,00	1,335	30,264	5,140	☐	☐
80 x 80	8,00	3,447	73,730	12,932	☐	☐
80 x 80	10,00	4,253	88,983	15,796	☐	☐
90 x 90	10,00	4,820	129,181	20,240	☐	☐
100 x 100	6,00	3,201	114,390	15,719	☐	☐
100 x 100	10,00	5,387	180,004	25,240	☐	☐
120 x 120	10,00	6,516	318,525	36,907	☐	☐

☐ Usually in stock

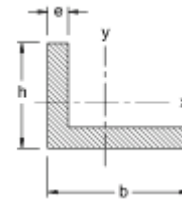
☐ Upon request

**Mix:** Moment of inertia about x axis. **Wx:** Flexural modulus about x axis. **Standard lenght:** 6050 mm.

**Usual temper:** - Simagaltok 63/6063: T5 - Simagaltok 82/6082: T6

Other tempers available upon request

# STANDARD PROFILES



## L - UNEQUAL ANGLE PROFILE

b x h mm.	e mm.	Weight Kgm	Mlx cm <sup>4</sup>	Mly cm <sup>4</sup>	Wx cm <sup>3</sup>	Wy cm <sup>3</sup>	Simag altok 63.60 6063.6060	Simag altok 82 6082
20 x 10	1,50	0,121	0,031	0,177	0,039	0,139	■	□
25 x 10	2,00	0,187	0,041	0,421	0,052	0,276	■	□
25 x 15	2,00	0,215	0,135	0,488	0,118	0,297	■	□
30 x 15	1,50	0,185	0,110	0,621	0,092	0,320	■	□
30 x 20	2,00	0,272	0,324	0,892	0,213	0,441	■	□
30 x 20	3,00	0,400	0,455	1,272	0,306	0,640	■	□
30 x 25	6,00	0,833	1,488	2,389	0,867	1,216	■	□
35 x 15	1,50	0,206	0,114	0,946	0,094	0,427	■	□
40 x 20	2,00	0,329	0,348	1,964	0,219	0,758	■	□
45 x 30	4,00	0,805	2,093	5,821	0,930	1,940	■	□
50 x 15	2,00	0,357	0,156	3,273	0,125	1,093	■	□
50 x 25	2,00	0,414	0,698	3,900	0,348	1,198	■	□
50 x 38	4,00	0,924	4,259	8,467	1,505	2,468	□	■
60 x 15	2,00	0,414	0,161	5,398	0,127	1,535	■	□
60 x 30	3,00	0,740	1,762	9,943	0,739	2,560	■	□
60 x 32	2,00	0,510	1,478	6,966	0,576	1,756	■	□
60 x 40	2,00	0,556	2,780	7,516	0,890	1,822	■	□
60 x 40	4,00	1,089	5,187	14,275	1,701	3,525	■	□
65 x 30	6,00	1,514	3,174	22,927	1,383	5,667	■	□
70 x 35	2,00	0,584	1,977	10,904	0,696	2,376	■	□
70 x 50	5,00	1,630	12,430	28,805	3,295	6,036	■	■
70 x 50	6,00	1,939	14,517	33,829	3,887	7,144	■	■
75 x 50	5,00	1,700	12,664	34,852	3,322	6,884	■	■
80 x 20	2,00	0,556	0,396	13,004	0,231	2,757	■	□
80 x 40	2,00	0,669	2,981	16,373	0,916	3,115	■	□
80 x 40	6,00	1,938	7,836	45,260	2,525	8,868	■	■
85 x 25	1,70	0,552	0,668	14,094	0,311	2,739	■	□
100 x 50	6,00	2,449	15,898	90,578	4,039	14,073	■	■
100 x 50	7,00	2,836	18,079	103,969	4,638	16,250	■	■
100 x 50	8,00	3,219	20,155	116,915	5,221	18,381	■	■
100 x 75	9,50	4,457	75,834	156,619	13,686	23,063	■	□
103 x 36	2,00	0,777	2,318	31,252	0,759	4,881	■	□
110 x 70	8,00	3,901	55,216	171,504	10,343	23,371	□	□
120 x 20	2,00	0,782	0,418	39,698	0,236	5,864	■	□
120 x 60	8,00	3,901	36,007	206,439	7,672	26,835	■	□
125 x 70	8,00	4,114	57,037	243,938	10,486	29,786	■	□
125 x 75	10,00	5,383	84,063	304,688	14,704	37,080	■	■
150 x 75	10,00	6,095	87,907	504,001	14,985	52,411	■	■
150 x 90	9,50	6,208	143,148	513,365	26,574	55,074	■	□
150 x 100	10,00	6,804	202,625	557,625	20,587	51,577	■	■
180 x 70	8,00	5,324	61,850	661,922	10,895	59,083	□	■
180 x 70	10,00	6,804	74,625	811,625	13,267	72,955	□	□
190 x 80	5,00	3,756	60,795	515,920	9,186	42,575	■	□
190 x 80	10,00	7,365	112,013	986,513	17,439	82,740	■	■
200 x 100	10,00	8,222	217,589	1.227,589	27,376	94,807	■	■

■ Usually in stock

□ Upon request

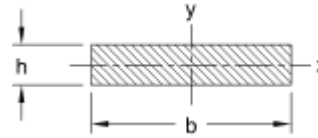
Mlx: Moment of inertia about x axis. Wx: Flexural modulus about x axis. Standard lenght: 6050 mm.

Usual temper: - Simagaltok 63/6063: T5 - Simagaltok 82/6082: T6

# STANDARD PROFILES



## EXTRUDED FLAT BARS



b x h mm.	Weight Kg/m	Siraga Itok 63 6063	Siraga Itok 82 6082	Cobrea Itok 11 2011	Cobrea Itok 30 2030
10 x 2	0,056	■	□	□	□
10 x 3	0,084	■	□	□	□
10 x 4	0,112	■	□	□	□
10 x 5	0,140	■	□	□	□
10 x 6	0,168	■	□	□	□
10 x 8	0,224	■	□	□	□
12 x 2	0,067	■	□	□	□
12 x 3	0,101	■	□	□	□
12 x 6	0,202	■	□	□	□
12 x 8	0,269	■	□	□	□
15 x 2	0,084	■	□	□	□
15 x 3	0,126	■	□	□	□
15 x 4	0,168	■	□	□	□
15 x 5	0,210	■	□	□	□
15 x 6	0,252	■	□	□	□
15 x 8	0,336	■	□	□	□
15 x 10	0,420	■	□	□	□
16 x 3	0,134	■	□	□	□
16 x 6	0,269	■	□	□	□
20 x 2	0,112	■	□	□	□
20 x 3	0,168	■	□	□	□
20 x 4	0,224	■	□	□	□
20 x 5	0,280	■	□	□	□
20 x 6	0,336	■	□	□	□
20 x 8	0,448	■	□	□	□
20 x 10	0,560	■	□	□	□
20 x 12	0,672	■	□	□	□
20 x 15	0,840	□	■	□	□
20 x 16	0,906	■	□	□	□
25 x 2	0,140	■	□	□	□
25 x 3	0,210	■	□	□	□
25 x 4	0,280	■	□	□	□
25 x 5	0,350	■	□	□	□
25 x 6	0,420	■	□	□	□
25 x 8	0,560	■	□	□	□
25 x 10	0,700	■	□	□	□
25 x 12	0,840	■	■	□	□
25 x 15	1,050	□	■	□	□
25 x 20	1,400	□	■	□	□
26 x 22	1,602	■	□	□	□
30 x 2	0,168	■	□	□	□
30 x 3	0,252	■	□	□	□
30 x 4	0,336	■	□	□	□

b x h mm.	Weight Kg/m	Siraga Itok 63 6063	Siraga Itok 82 6082	Cobrea Itok 11 2011	Cobrea Itok 30 2030
30 x 5	0,420	■	□	□	□
30 x 6	0,504	■	□	□	□
30 x 8	0,672	■	□	□	□
30 x 10	0,840	■	■	□	□
30 x 12	1,008	□	■	□	□
30 x 15	1,260	■	■	□	□
30 x 18	1,512	□	□	■	■
30 x 20	1,680	■	■	□	□
30 x 25	2,100	■	■	□	□
30 x 28	2,352	□	■	■	■
35 x 4	0,392	■	□	□	□
35 x 5	0,490	■	□	□	□
35 x 6	0,588	■	□	□	□
35 x 8	0,784	■	□	□	□
35 x 10	0,980	□	■	□	□
35 x 12	1,176	□	■	□	□
35 x 15	1,470	■	■	□	□
35 x 20	1,960	■	■	□	□
35 x 25	2,450	□	■	□	□
35 x 30	2,940	□	■	□	□
38 x 22	2,341	□	□	■	■
39 x 26	2,839	■	□	□	□
40 x 2	0,224	■	□	□	□
40 x 3	0,336	■	□	□	□
40 x 4	0,448	■	□	□	□
40 x 5	0,560	■	□	□	□
40 x 6	0,672	■	□	□	□
40 x 8	0,896	■	■	□	□
40 x 10	1,120	■	■	□	□
40 x 12	1,344	■	■	□	□
40 x 15	1,680	■	■	□	□
40 x 20	2,240	■	■	□	□
40 x 25	2,800	□	■	□	□
40 x 26	2,912	■	□	□	□
40 x 30	3,360	■	■	□	□
40 x 35	3,920	□	■	□	□
42 x 8	0,941	■	□	□	□
45 x 5	0,630	■	□	□	□
45 x 6	0,756	■	□	□	□
45 x 10	1,260	□	■	□	□
45 x 15	1,890	□	■	□	□
45 x 20	2,520	□	■	□	□
45 x 25	3,150	□	■	□	□

■ Usually in stock

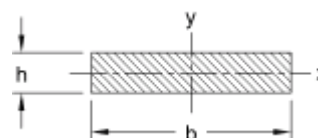
■ Upon request

Standard length: 6050 mm.

# STANDARD PROFILES



## EXTRUDED FLAT BARS



b x h mm.	Weight Kg/m	Siraga Itoki 63 6063	Siraga Itoki 82 6082	Cobrea Itoki 11 2011	Cobrea Itoki 30 2030
10 x 2	0,056	■	□	□	□
10 x 3	0,084	■	□	□	□
10 x 4	0,112	■	□	□	□
10 x 5	0,140	■	□	□	□
10 x 6	0,168	■	□	□	□
10 x 8	0,224	■	□	□	□
12 x 2	0,067	■	□	□	□
12 x 3	0,101	■	□	□	□
12 x 6	0,202	■	□	□	□
12 x 8	0,269	■	□	□	□
15 x 2	0,084	■	□	□	□
15 x 3	0,126	■	□	□	□
15 x 4	0,168	■	□	□	□
15 x 5	0,210	■	□	□	□
15 x 6	0,252	■	□	□	□
15 x 8	0,336	■	□	□	□
15 x 10	0,420	■	□	□	□
16 x 3	0,134	■	□	□	□
16 x 6	0,269	■	□	□	□
20 x 2	0,112	■	□	□	□
20 x 3	0,168	■	□	□	□
20 x 4	0,224	■	□	□	□
20 x 5	0,280	■	□	□	□
20 x 6	0,336	■	□	□	□
20 x 8	0,448	■	□	□	□
20 x 10	0,560	■	□	□	□
20 x 12	0,672	■	□	□	□
20 x 15	0,840	□	■	□	□
20 x 16	0,906	■	□	□	□
25 x 2	0,140	■	□	□	□
25 x 3	0,210	■	□	□	□
25 x 4	0,280	■	□	□	□
25 x 5	0,350	■	□	□	□
25 x 6	0,420	■	□	□	□
25 x 8	0,560	■	□	□	□
25 x 10	0,700	■	□	□	□
25 x 12	0,840	■	■	□	□
25 x 15	1,050	□	■	□	□
25 x 20	1,400	□	■	□	□
26 x 22	1,602	■	□	□	□
30 x 2	0,168	■	□	□	□
30 x 3	0,252	■	□	□	□
30 x 4	0,336	■	□	□	□

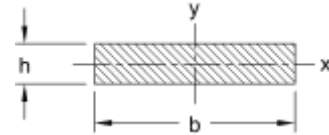
b x h mm.	Weight Kg/m	Siraga Itoki 63 6063	Siraga Itoki 82 6082	Cobrea Itoki 11 2011	Cobrea Itoki 30 2030
30 x 5	0,420	■	□	□	□
30 x 6	0,504	■	□	□	□
30 x 8	0,672	■	□	□	□
30 x 10	0,840	■	■	□	□
30 x 12	1,008	□	■	□	□
30 x 15	1,260	■	■	□	□
30 x 18	1,512	□	□	■	■
30 x 20	1,680	■	■	□	□
30 x 25	2,100	■	■	□	□
30 x 28	2,352	□	■	■	■
35 x 4	0,392	■	□	□	□
35 x 5	0,490	■	□	□	□
35 x 6	0,588	■	□	□	□
35 x 8	0,784	■	□	□	□
35 x 10	0,980	□	■	□	□
35 x 12	1,176	□	■	□	□
35 x 15	1,470	■	■	□	□
35 x 20	1,960	■	■	□	□
35 x 25	2,450	■	■	□	□
35 x 30	2,940	□	■	□	□
38 x 22	2,341	□	□	■	■
39 x 26	2,839	■	□	□	□
40 x 2	0,224	■	□	□	□
40 x 3	0,336	■	□	□	□
40 x 4	0,448	■	□	□	□
40 x 5	0,560	■	□	□	□
40 x 6	0,672	■	□	□	□
40 x 8	0,896	■	■	□	□
40 x 10	1,120	■	■	□	□
40 x 12	1,344	■	■	□	□
40 x 15	1,680	■	■	□	□
40 x 20	2,240	■	■	□	□
40 x 25	2,800	□	■	□	□
40 x 26	2,912	■	□	□	□
40 x 30	3,360	■	■	□	□
40 x 35	3,920	□	■	□	□
42 x 8	0,941	■	□	□	□
45 x 5	0,630	■	□	□	□
45 x 6	0,756	■	□	□	□
45 x 10	1,260	□	■	□	□
45 x 15	1,890	□	■	□	□
45 x 20	2,520	□	■	□	□
45 x 25	3,150	□	■	□	□

■ Usually in stock

■ Upon request

Standard length: 6050 mm.

# STANDARD PROFILES



## ■ PLETINAS EXTRUIDIDAS

b x h mm.	Weight Kg/m	Siragaitok 63 6063	Siragaitok 82 6082	Cobreatok 11 2011	Cobreatok 30 2030
100 x 5	1,400	■	□	□	□
100 x 6	1,680	■	□	□	□
100 x 8	2,240	■	■	□	□
100 x 10	2,800	■	■	□	□
100 x 12	3,360	■	■	□	□
100 x 15	4,200	□	■	□	□
100 x 20	5,600	■	■	□	□
100 x 25	7,000	■	■	□	□
100 x 27	7,560	■	□	□	□
100 x 30	8,400	■	■	■	■
100 x 35	9,800	□	■	□	■
100 x 40	11,200	■	■	■	■
100 x 50	14,000	□	■	■	■
100 x 60	16,800	□	■	□	□
100 x 70	19,600	□	■	■	■
100 x 80	22,400	□	■	■	■
105 x 55	16,170	□	□	■	■
110 x 70	21,560	□	□	■	■
120 x 5	1,680	■	□	□	□
120 x 6	2,016	■	□	□	□
120 x 8	2,688	■	■	□	□
120 x 10	3,360	■	■	□	□
120 x 12	4,032	■	■	□	□
120 x 15	5,040	□	■	□	□
120 x 20	6,720	■	■	□	□
120 x 25	8,400	□	■	□	□
120 x 30	10,080	□	■	□	□
120 x 35	11,760	□	■	□	□
120 x 40	13,440	□	■	■	■
120 x 50	16,800	□	■	■	■
120 x 60	20,160	□	■	■	■
120 x 70	23,520	□	■	□	□
120 x 80	26,880	□	■	□	□
130 x 15	5,460	■	□	□	□
130 x 20	7,364	■	□	□	□
130 x 25	9,100	□	■	□	□
130 x 27	9,942	■	□	□	□
130 x 30	10,920	□	■	□	□
130 x 40	14,560	□	■	□	□
130 x 60	21,840	□	■	□	□
140 x 10	3,920	■	□	□	□
140 x 20	7,840	■	■	□	□

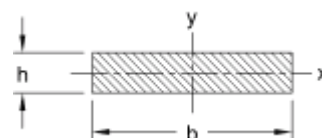
b x h mm.	Weight Kg/m	Siragaitok 63 6063	Siragaitok 82 6082	Cobreatok 11 2011	Cobreatok 30 2030
150 x 6	2,520	■	□	□	□
150 x 10	4,200	■	■	□	□
150 x 12	5,040	■	■	□	□
150 x 15	6,300	■	■	□	□
150 x 20	8,400	■	■	□	□
150 x 25	10,500	□	■	□	□
150 x 30	12,600	■	■	■	■
150 x 40	16,800	□	■	■	■
150 x 50	21,000	□	■	■	■
150 x 60	25,200	□	■	□	□
150 x 80	33,600	□	□	■	■
160 x 16	7,168	■	■	□	□
160 x 20	9,072	□	■	□	□
160 x 25	11,200	□	□	■	■
160 x 90	40,320	□	□	■	■
160 x 100	44,800	□	■	□	□
160 x 120	53,760	□	□	■	■
170 x 4	1,904	■	□	□	□
170 x 18	8,568	□	■	□	□
180 x 10	5,040	■	■	□	□
180 x 15	7,560	□	■	□	□
180 x 20	10,197	■	□	□	□
200 x 10	5,600	■	■	□	□
200 x 12	6,720	■	■	□	□
200 x 15	8,400	■	■	□	□
200 x 20	11,200	■	■	□	□
200 x 25	14,000	□	■	□	□
200 x 30	16,800	□	■	□	□
200 x 40	22,400	□	■	□	□
200 x 50	28,000	□	■	□	□
200 x 60	33,600	□	■	□	□
200 x 100	56,000	□	■	■	■
210 x 110	64,680	□	□	■	■
250 x 10	7,000	■	■	□	□
250 x 12	8,400	□	■	□	□
250 x 15	10,500	□	■	□	□
250 x 20	14,000	□	■	□	□
250 x 25	17,500	□	■	□	□
250 x 40	28,000	□	■	□	□
250 x 50	35,000	□	■	□	□

■ Usually in stock

■ Upon request

Standard length: 6050 mm.

# STANDARD PROFILES



## ■ DRAWN FLAT BARS

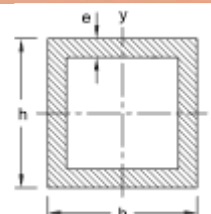
b x h mm.	Weight Kg/m	Cobreatok 11 2011
20 x 15	0,840	☐
20 x 18	1,008	☐
21 x 16	0,941	☐
22 x 16	0,986	☐
22,5 x 20	1,260	☐
23 x 18	1,159	☐
24 x 15	1,008	☐
24 x 18	1,210	☐
25 x 15	1,050	☐
25 x 16	1,120	☐
25 x 20	1,400	☐
27 x 18	1,361	☐
28 x 18	1,411	☐
28 x 22	1,725	☐
30 x 15	1,260	☐
30 x 20	1,680	☐
30 x 22	1,848	☐
30 x 25	2,100	☐
30 x 26	2,184	☐
30,5 x 28	2,391	☐
31 x 16	1,389	☐

b x h mm.	Weight Kg/m	Cobreatok 11 2011
31 x 22	1,910	☐
31 x 26	2,257	☐
32 x 16	1,434	☐
32 x 18	1,613	☐
32 x 22	1,971	☐
32 x 25	2,240	☐
32 x 31	2,778	☐
34 x 16	1,523	☐
35 x 14	1,372	☐
35 x 15	1,470	☐
35 x 20	1,960	☐
35 x 25	2,450	☐
35 x 30	2,940	☐
36 x 18	1,814	☐
38 x 30	3,192	☐
38 x 32	3,405	☐
40 x 15	1,680	☐
40 x 20	2,240	☐
40 x 25	2,800	☐
40 x 30	3,360	☐
40 x 35	3,920	☐
42 x 27	3,175	☐

b x h mm.	Weight Kg/m	Cobreatok 11 2011
43 x 20	2,408	☐
45 x 15	1,890	☐
45 x 20	2,520	☐
45 x 25	3,150	☐
45 x 30	3,780	☐
45 x 35	4,410	☐
50 x 20	2,800	☐
50 x 25	3,500	☐
50 x 30	4,200	☐
50 x 35	4,900	☐
50 x 40	5,600	☐
51 x 33	4,712	☐
55 x 35	5,390	☐
56 x 45	7,056	☐
60 x 20	3,360	☐
60 x 40	6,720	☐
65 x 45	8,190	☐
70 x 30	5,880	☐

☐ Upon request

# STANDARD PROFILES



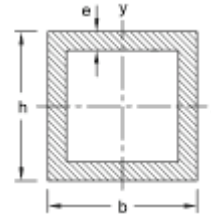
## ■ EXTRUDED SQUARE TUBES

D x d mm.	e mm.	Weight Kgm	Mix cm <sup>4</sup>	Wx cm <sup>3</sup>	Simag altok 63 6063/6060	Simag altok 82 6082
15 x 15	1,50	0,230	0,249	0,332	■	—
15 x 15	2,00	0,295	0,300	0,400	■	—
16 x 16	1,50	0,247	0,308	0,385	■	—
20 x 20	1,50	0,315	0,637	0,637	■	—
20 x 20	2,00	0,408	0,787	0,787	■	—
20 x 20	3,00	0,578	1,013	1,013	■	—
25 x 25	1,50	0,400	1,303	1,042	■	—
25 x 25	2,00	0,522	1,635	1,308	■	—
25 x 25	3,00	0,748	2,169	1,735	■	—
30 x 30	1,50	0,485	2,321	1,548	■	—
30 x 30	2,00	0,635	2,942	1,961	■	—
30 x 30	3,00	0,919	3,985	2,657	■	—
35 x 35	1,50	0,570	3,767	2,153	■	—
35 x 35	2,00	0,748	4,809	2,748	■	—
40 x 40	1,50	0,655	5,715	2,858	■	—
40 x 40	2,00	0,862	7,337	3,668	■	■
40 x 40	2,50	1,062	8,828	4,414	■	■
40 x 40	3,00	1,259	10,197	5,099	■	■
40 x 40	4,00	1,633	12,595	6,298	■	■
45 x 45	2,00	0,975	10,624	4,722	■	—
50 x 50	2,00	1,089	14,771	5,908	■	—
50 x 50	3,00	1,599	20,849	8,340	■	■
50 x 50	4,00	2,087	26,153	10,461	■	■
50 x 50	5,00	2,549	30,750	12,300	■	■
60 x 60	1,50	0,995	20,033	6,678	■	—
60 x 60	2,00	1,315	26,046	8,682	■	—
60 x 60	3,00	1,939	37,141	12,380	■	■
60 x 60	4,00	2,540	47,070	15,690	■	■
70 x 70	1,50	1,164	32,157	9,188	■	—
70 x 70	1,80	1,392	38,092	10,884	■	—
70 x 70	2,00	1,542	41,961	11,989	■	—
70 x 70	3,00	2,277	60,273	17,221	■	■
70 x 70	4,00	2,994	76,947	21,985	■	■

■ Usually in stock

■ Upon request

**Mix:** Moment of inertia about x axis. **Wx:** Flexural modulus about x axis. **Standard length:** 6050 mm.



## ■ EXTRUDED SQUARE TUBES

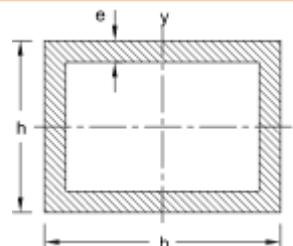
B x h mm.	e mm.	Weight Kg/m	Mix cm <sup>4</sup>	Wx cm <sup>3</sup>	Simag altok 63 6063.6060	Simag altok 62 6062
80 x 80	2,00	1,769	63,315	15,829	□	—
80 x 80	3,00	2,617	91,445	22,861	□	▣
80 x 80	4,00	3,447	117,385	29,346	□	▣
80 x 80	5,00	4,269	141,250	35,313	□	▣
80 x 80	8,00	6,532	201,523	50,381	□	▣
90 x 90	2,00	1,994	90,910	20,202	▣	—
100 x 100	2,00	2,223	125,545	25,109	□	—
100 x 100	2,50	2,764	154,578	30,916	□	—
100 x 100	4,00	4,355	236,339	47,268	□	▣
100 x 100	5,00	5,387	286,583	57,317	□	▣
100 x 100	10,00	10,197	492,000	98,400	□	▣
120 x 120	2,00	2,676	219,134	36,522	□	—
120 x 120	2,50	3,331	270,495	45,082	□	—
120 x 120	4,00	5,262	416,734	69,456	□	—
120 x 120	5,00	6,521	507,917	84,653	□	—
135 x 135	3,00	4,487	460,231	68,182	□	—
150 x 150	2,50	4,056	534,995	71,333	□	—
150 x 150	3,00	5,001	635,570	84,743	□	—
150 x 150	4,00	6,623	830,526	110,737	□	—
150 x 150	5,00	8,222	1.017,417	135,656	□	—
150 x 150	8,00	12,882	1.531,934	204,258	□	—
150 x 150	10,00	15,862	1.838,667	245,156	▣	—
200 x 200	8,00	12,496	1.531,93	204,258	□	—
205 x 205	4,00	9,109	2.166,351	211,351	□	—
250 x 250	6,00	16,104	5.814,227	465,138	□	—
250 x 250	10,00	27,200	9.232,000	738,560	□	—

□ Usually in stock

▣ Upon request

**Mix:** Moment of inertia about x axis. **Wx:** Flexural modulus about x axis. **Standard length:** 6050 mm.

# PERFILES DE FORMAS REGULARES



## ■ EXTRUDED RECTANGULAR TUBES

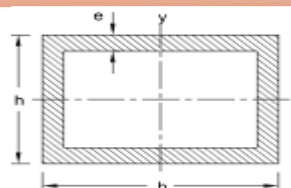
b x h mm.	e mm.	Weight Kgm	Mix cm <sup>4</sup>	Mly cm <sup>4</sup>	Wx cm <sup>3</sup>	Wy cm <sup>3</sup>	Stock atok 63,60 6063,6060	Stock atok 82 6082
20 x 10	1,50	0,230	0,118	0,380	0,236	0,380	□	—
25 x 15	1,50	0,315	0,386	0,888	0,515	0,711	□	—
30 x 10	1,50	0,315	0,173	1,102	0,346	0,735	□	—
30 x 15	1,50	0,357	0,455	1,407	0,607	0,938	□	—
30 x 20	1,50	0,388	0,895	1,712	0,895	1,141	□	—
30 x 20	2,00	0,522	1,113	2,157	1,113	1,438	□	—
35 x 20	1,50	0,442	1,023	2,504	1,023	1,431	□	—
40 x 10	1,50	0,400	0,228	2,379	0,455	1,189	□	—
40 x 10	2,00	0,522	0,269	3,001	0,537	1,500	□	—
40 x 20	1,50	0,485	1,152	3,491	1,152	1,745	□	—
40 x 20	2,00	0,635	1,438	4,446	1,438	2,223	□	—
40 x 20	3,00	0,918	1,889	6,081	1,889	3,041	□	—
40 x 25	2,00	0,692	2,430	5,169	1,944	2,584	□	—
40 x 30	2,00	0,748	3,727	5,891	2,485	2,946	□	—
40 x 30	4,00	1,406	6,161	9,993	4,107	4,996	□	—
45 x 15	1,50	0,485	0,661	3,982	0,881	1,770	□	—
50 x 20	2,00	0,748	1,763	7,855	1,763	3,142	□	—
50 x 20	4,00	1,406	2,729	13,425	2,729	5,370	▣	—
50 x 25	1,50	0,612	2,340	7,007	1,872	2,803	□	—
50 x 25	2,00	0,805	2,960	9,008	2,368	3,603	□	□
50 x 25	3,00	1,174	3,995	12,554	3,196	5,022	□	—
50 x 30	2,00	0,862	4,513	10,161	3,008	4,064	□	—
50 x 30	3,00	1,259	6,181	14,213	4,121	5,685	▣	—
50 x 40	2,00	0,975	8,782	12,466	4,391	4,986	□	—
50 x 40	4,00	1,860	15,198	21,910	7,599	8,764	□	—
55 x 15	1,50	0,570	0,798	6,736	1,064	2,449	□	—
60 x 10	1,50	0,570	0,337	7,197	0,674	2,399	□	—
60 x 20	1,50	0,655	1,666	9,764	1,666	3,255	□	—
60 x 20	2,00	0,862	2,089	12,585	2,089	4,195	□	—
60 x 30	2,00	0,975	5,298	15,950	3,532	5,317	□	—
60 x 40	1,50	0,825	7,940	14,899	3,970	4,966	□	—
60 x 40	2,00	1,089	10,227	19,315	5,114	6,438	□	—
60 x 40	3,00	1,599	14,313	27,385	7,157	9,128	□	—
60 x 40	4,00	2,087	17,801	34,505	8,900	11,502	□	—
70 x 20	2,00	0,975	2,414	18,834	2,414	5,381	□	—
70 x 30	1,50	0,824	4,760	18,078	3,174	5,165	□	—
70 x 30	2,50	1,347	7,286	28,536	4,858	8,153	□	—
70 x 30	3,00	1,599	8,377	33,321	5,585	9,520	▣	—
75 x 25	2,00	1,089	4,286	25,256	3,429	6,735	□	—
80 x 20	1,70	0,931	2,413	23,159	2,413	5,790	▣	—
80 x 20	2,00	1,089	2,739	26,803	2,739	6,701	□	—
80 x 30	2,00	1,202	6,869	32,889	4,579	8,222	□	—
80 x 40	1,50	0,995	10,164	29,902	5,082	7,476	□	—
80 x 40	2,00	1,315	13,118	38,974	6,559	9,743	□	—

□ Usually in stock

▣ Upon request

Mix: Moment of inertia about x axis. Wx: Flexural modulus about x axis. Standard length: 6050 mm.

# STANDARD PROFILES



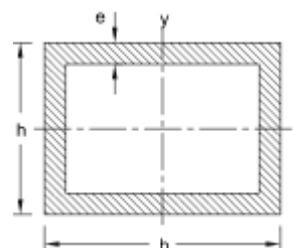
## ■ EXTRUDED RECTANGULAR TUBES

b x h mm.	e mm.	Weight Kgm	Mlx cm <sup>4</sup>	Mly cm <sup>4</sup>	Wx cm <sup>3</sup>	Wy cm <sup>3</sup>	Stmag atok 63.60 6063,6060	Stmag atok 82 6082
80 x 40	3,00	1,937	18,429	55,853	9,215	13,963	□	—
80 x 40	4,00	2,540	23,006	71,134	11,503	17,783	□	—
80 x 40	5,00	3,119	26,917	84,917	13,458	21,229	□	—
80 x 60	2,00	1,542	32,777	51,145	10,926	12,786	□	—
80 x 60	4,00	2,994	59,635	94,259	19,878	23,565	□	—
100 x 20	2,00	1,315	3,390	48,702	3,390	9,740	□	—
100 x 25	1,70	1,172	4,908	46,076	3,927	9,215	□	—
100 x 30	3,00	2,107	11,671	83,883	7,781	16,777	□	—
100 x 40	1,70	1,317	13,866	58,398	6,933	11,680	■	—
100 x 40	2,00	1,542	16,009	67,913	8,004	13,583	□	—
100 x 40	4,00	2,994	28,211	125,683	14,106	25,137	□	—
100 x 45	2,00	1,598	20,801	72,715	9,245	14,543	□	—
100 x 50	2,00	1,656	26,298	77,518	10,519	15,504	□	—
100 x 50	2,50	2,055	32,026	95,151	12,810	19,030	□	—
100 x 50	3,00	2,449	37,440	112,120	14,976	22,424	□	—
100 x 50	4,00	3,221	47,366	144,126	18,946	28,825	□	—
100 x 50	5,00	3,965	56,167	173,667	22,467	34,733	□	—
100 x 50	6,00	4,691	63,927	200,867	25,571	40,173	□	—
100 x 50	8,00	6,073	76,654	248,734	30,662	49,747	■	—
100 x 60	2,00	1,767	39,507	87,123	13,169	17,425	□	—
100 x 60	4,00	3,447	72,201	162,596	24,067	32,514	□	—
120 x 20	2,00	1,542	4,041	79,881	4,041	13,313	□	—
120 x 40	1,50	1,334	14,613	82,169	7,307	13,695	□	—
120 x 40	2,00	1,769	18,899	107,731	9,450	17,955	□	—
120 x 40	4,00	3,447	33,417	201,353	16,708	33,559	□	—
120 x 50	2,00	1,882	30,909	121,657	12,363	20,276	□	—
120 x 50	3,00	2,787	44,075	176,767	17,630	29,461	■	—
120 x 50	4,00	3,674	55,851	228,275	22,340	38,046	■	—
120 x 60	2,00	1,996	46,238	135,582	15,413	22,597	□	—
120 x 60	4,00	3,901	84,766	255,198	28,255	42,533	□	—
120 x 60	5,00	4,815	101,417	309,417	33,806	51,569	□	—
120 x 60	6,00	5,710	116,467	360,115	38,822	60,019	■	—
120 x 80	3,00	3,300	127,037	238,381	31,759	39,730	□	—
120 x 80	6,00	6,396	229,011	438,163	57,253	73,027	□	—
120 x 80	10,00	10,197	332,000	652,000	83,000	108,667	—	□
140 x 40	1,50	1,504	16,838	121,833	8,419	17,405	□	—
140 x 40	4,00	3,898	38,622	301,342	19,311	43,049	□	—
140 x 60	2,50	2,762	64,828	244,328	21,609	34,904	□	—
140 x 60	3/4	3,830	86,995	332,919	28,998	47,560	□	—
140 x 80	4,00	4,808	186,761	449,353	46,690	64,193	□	—
146 x 110	2,30	3,279	239,666	369,615	43,576	50,632	□	—
150 x 30	2,00	1,996	12,366	169,454	8,244	22,594	□	—
150 x 40	2,00	2,109	23,235	191,359	11,618	25,515	□	—
150 x 50	2,50	2,764	46,141	236,016	18,456	35,069	■	—
150 x 50	3,00	3,300	54,029	311,389	21,612	41,519	□	—
150 x 50	4,00	4,355	68,579	404,099	27,432	53,880	□	—

□ Usually in stock

■ Upon request

Mlx: Moment of inertia about x axis. Wx: Flexural modulus about x axis. Standard length: 6050 mm.



## ■ EXTRUDED RECTANGULAR TUBES

b x h mm.	e mm.	Weight Kgm	M <sub>x</sub> cm <sup>4</sup>	M <sub>y</sub> cm <sup>4</sup>	W <sub>x</sub> cm <sup>3</sup>	W <sub>y</sub> cm <sup>3</sup>	Simag altok 63/60 6063/6060	Simag altok 82 6082
150 x 65	2,00	2,391	67,121	246,123	20,653	32,816	■	—
150 x 70	2,70	3,285	103,899	341,119	29,685	45,482	■	—
150 x 80	6,00	7,410	278,403	760,759	69,601	101,435	—	■
150 x 100	5,00	6,804	399,500	754,500	79,900	100,600	■	—
155 x 20	2,00	1,939	5,179	161,586	5,179	20,850	■	—
160 x 40	1,70	1,893	21,352	194,015	10,676	24,252	■	—
160 x 80	10,00	12,474	430,667	1.358,667	107,667	169,833	—	■
170 x 50	2,70	4,808	77,065	559,049	30,826	65,770	■	—
180 x 50	4,00	5,035	81,307	649,043	32,523	72,116	■	—
180 x 50	8,00	9,698	133,785	1.180,233	53,514	131,137	—	■
180 x 60	2,50	3,331	81,370	459,620	27,123	51,069	■	—
180 x 60	4,00	5,257	122,462	711,006	40,821	79,001	—	■
180 x 80	3,00	4,321	180,425	639,385	45,106	71,043	■	—
192 x 78	4,00	5,942	233,350	966,750	59,833	100,703	■	—
200 x 40	2,50	3,328	36,995	503,995	18,497	50,399	■	—
200 x 50	4,00	5,489	89,793	856,073	35,917	85,607	■	—
200 x 80	4,00	6,164	256,137	1.086,601	64,034	108,660	■	—
200 x 100	2,50	4,178	273,432	796,557	54,686	79,656	■	—
200 x 100	3,50	5,815	372,992	1.095,148	74,598	109,515	■	—
200 x 150	4,00	7,750	1.043,739	1.624,499	139,165	162,450	■	—
220 x 40	2,50	3,611	40,516	650,641	20,258	59,149	■	—
240 x 50	3,00	4,827	83,891	1.061,935	33,556	88,495	■	—
250 x 40	3,00	4,827	53,415	1.092,411	26,708	87,393	■	—
280 x 100	3,00	6,356	436,833	2.179,521	87,367	155,680	■	—
300 x 110	4,00	9,109	745,227	3.587,475	135,496	239,165	■	—
300 x 120	4,50	10,487	1.003,495	4.205,992	167,249	280,399	■	—
300 x 120	5,00	11,613	1.103,417	4.643,417	183,903	309,561	■	—
420 x 150	5,00	15,862	2.437,167	12.202,167	324,956	581,056	■	—

■ Usually in stock

■ Upon request

**M<sub>x</sub>**: Moment of inertia about x axis. **W<sub>x</sub>**: Flexural modulus about x axis. **Standard length**: 6050 mm.

**Usual temper**: - Simagaltok 63/6063: T5 - Simagaltok 82/6082: T6

Other temper available upon request

## ■ EXTRUDED ROUND TUBES

Dxd mm.	e mm.	Weight Kgm	Mlx cm <sup>4</sup>	Wx cm <sup>3</sup>	Slmag altok 63,60 6063,6060	Slmag altok 82 6082	Magrealtok 45 5083	Cobre altok 17,00 2017,2030
9,9 x 6,2	1,85	0,133	0,040	0,081	○	—	—	—
10 x 8	1,00	0,080	0,029	0,058	○	—	—	—
12 x 10	1,00	0,098	0,053	0,088	○	—	—	—
13 x 10,5	1,25	0,125	0,080	0,124	○	—	—	—
16 x 13	1,50	0,184	0,180	0,227	○	—	—	—
17,12 x 11,05	3,035	0,363	0,350	0,407	○	—	—	—
18 x 15	1,50	0,210	0,270	0,296	○	—	—	—
18 x 16	1,00	0,151	0,194	0,215	○	—	—	—
20 x 16	2,00	0,305	0,460	0,464	○	—	—	—
20 x 17	1,50	0,235	0,380	0,375	○	—	—	—
20 x 18	1,00	1,161	0,270	0,270	⊗	—	—	—
21 x 15	3,00	0,458	0,710	0,673	○	—	—	—
22 x 14	4,00	0,611	0,960	0,874	⊗	—	—	—
22 x 19	1,50	0,261	0,510	0,464	○	○	—	—
22 x 20	1,00	0,178	0,360	0,331	○	—	—	—
25 x 20	2,50	0,477	1,130	0,906	○	—	—	—
25 x 21	2,00	0,390	0,960	0,770	○	—	—	—
25 x 22	1,50	0,299	0,770	0,614	○	—	—	—
25,6 x 16,5	4,55	0,812	1,740	1,363	○	—	—	—
26,5 x 20,5	3,00	0,598	1,550	1,173	○	—	—	—
30 x 20	5,00	1,060	3,190	2,127	○	—	—	—
30 x 22	4,00	0,882	2,830	1,884	○	—	—	—
30 x 24	3,00	0,687	2,350	1,565	○	—	—	—
30 x 25	2,50	0,583	2,060	1,372	○	—	—	—
30 x 26	2,00	0,475	1,730	1,155	○	—	—	—
30 x 27	1,50	0,363	1,370	0,912	○	—	—	—
32 x 27	2,50	0,626	2,540	1,587	○	—	—	—
32 x 29	1,50	0,388	1,680	1,047	○	—	—	—
33 x 25	4,00	0,984	3,900	2,366	○	—	—	—
33 x 26	3,50	0,876	3,580	2,169	○	—	—	—
33 x 28	2,50	0,647	2,800	1,700	○	—	—	—
35 x 28	3,50	0,935	4,350	2,485	○	—	—	—
35 x 30	2,50	0,689	3,390	1,937	○	—	—	—
35 x 31	2,00	0,560	2,830	1,619	○	—	—	—
36,2 x 25,5	5,35	1,400	6,350	3,511	○	—	—	—
38 x 32	3,00	0,891	5,090	2,678	○	—	—	—
38 x 35	1,50	0,464	2,870	1,510	○	—	—	—
40 x 30	5,00	1,484	8,590	4,295	○	○	○	○
40 x 33	3,50	1,084	6,750	3,373	○	—	—	—
40 x 35	2,50	0,795	5,200	2,600	○	—	—	—
40 x 36	2,00	0,645	4,320	2,161	○	—	—	—
40 x 37	1,50	0,490	3,370	1,683	○	—	—	—
42 x 35	3,50	1,143	7,910	3,766	○	—	—	—
42 x 36	3,00	0,992	7,030	3,347	○	—	—	—
42 x 38	2,00	0,679	5,040	2,400	○	—	—	—
45 x 28	8,50	2,761	17,112	7,605	—	—	—	—
45 x 37	4,00	1,391	10,930	4,857	○	—	—	—
45 x 40	2,50	0,901	7,560	3,361	○	—	—	—
45 x 41	2,00	0,729	6,260	2,781	○	—	—	—
45 x 42	1,50	0,553	4,850	2,158	⊗	—	—	—

○ Usually in stock

⊗ Upon request

## ■ EXTRUDED ROUND TUBES

Dxd mm.	e mm.	Weight Kg/m	Mlx cm <sup>4</sup>	Wx cm <sup>3</sup>	Slmag altok 63.60 6063,6060	Slmag altok 82 6082	Magye altok 45 5083	Cobre altok 17.30 2017,2030
47 x 43	2,00	0,763	7,170	3,052	○	—	—	—
48 x 42	3,00	1,145	10,780	4,493	○	⊗	—	—
49 x 44	2,50	0,986	9,900	4,041	○	—	—	—
50 x 30	10,00	3,393	26,700	10,681	○	—	—	—
50 x 40	5,00	1,909	18,110	7,245	○	○	○	⊗
50 x 42	4,00	1,561	15,410	6,162	○	○	—	—
50 x 44	3,00	1,196	12,280	4,912	○	—	—	—
50 x 45	2,50	1,007	10,550	4,220	○	—	—	—
50 x 47	1,50	0,617	6,730	2,691	○	—	—	—
52 x 40	6,00	2,341	23,320	8,971	○	—	—	—
55 x 50	2,50	1,113	14,240	5,178	○	—	—	—
55 x 52	1,50	0,681	9,030	3,283	○	—	—	—
60 x 40	10,00	4,241	51,050	17,017	○	—	—	—
60 x 42	9,00	3,893	48,340	16,114	⊗	—	—	—
60 x 50	5,00	2,333	32,940	10,979	○	○	○	⊗
60 x 52	4,00	1,900	27,730	9,242	○	—	—	—
60 x 55	2,50	1,219	18,700	6,233	○	⊗	—	—
60 x 56	2,00	0,984	15,340	5,114	○	○	—	—
60 x 57	1,50	0,744	11,800	3,934	○	—	—	—
61 x 45	8,00	3,597	47,840	15,684	⊗	—	—	—
65 x 60	2,50	1,325	24,010	7,387	○	—	—	—
65 x 61	2,00	1,069	19,660	6,049	⊗	—	—	—
70 x 50	10,00	5,339	87,179	24,908	⊗	○	—	—
70 x 60	5,00	2,757	54,240	15,498	○	—	○	—
70 x 64	3,00	1,789	35,504	10,144	⊗	○	—	—
70 x 65	2,50	1,431	30,200	8,639	○	—	—	—
70,8 x 67,2	1,80	1,054	23,240	6,564	⊗	—	—	—
75 x 70	2,50	1,537	37,460	9,988	○	—	—	—
76 x 71	2,50	1,559	39,030	10,270	⊗	—	—	—
80 x 60	10,00	5,938	137,450	34,361	○	—	—	—
80 x 64	8,00	4,889	118,710	29,677	⊗	—	—	—
80 x 70	5,00	3,181	83,200	20,801	○	○	○	—
80 x 75	2,50	1,643	45,750	11,437	○	—	—	—
80 x 77	1,50	0,999	28,500	7,126	⊗	—	—	—
85 x 65	10,00	6,362	168,620	39,674	⊗	—	—	—
85 x 75	5,00	3,393	100,920	23,747	○	—	—	—
85 x 79	3,00	2,087	65,040	15,304	⊗	—	—	—
85 x 80	2,50	1,749	55,180	12,983	○	—	—	—
90 x 70	10,00	6,786	204,200	45,379	—	⊗	—	—
90 x 80	5,00	3,605	121,000	26,889	○	○	○	—
90 x 84	3,00	2,214	77,670	17,260	○	—	—	—
90 x 85	2,50	1,856	65,820	14,627	○	—	—	—
95 x 90	2,50	2,058	77,758	16,370	○	—	—	—
100 x 50	25,00	15,904	460,200	92,039	⊗	—	—	—
100 x 57	21,50	14,316	439,060	87,812	⊗	—	—	—
100 x 60	20,50	13,572	427,260	85,452	⊗	—	—	—
100 x 70	15,00	10,815	373,020	74,603	○	⊗	—	—
100 x 75	12,50	9,278	335,560	67,112	⊗	—	—	—
100 x 80	10,00	7,634	289,810	57,963	○	○	—	○
100 x 84	8,00	6,549	246,482	49,286	○	—	—	—
100 x 86	7,00	5,522	222,360	44,472	⊗	—	—	—
100 x 90	5,00	4,029	168,810	33,762	○	○	○	—
100 x 92	4,00	3,257	139,220	27,843	⊗	⊗	—	—
100 x 94	3,00	2,468	107,620	21,525	○	—	—	—
100 x 95	2,50	2,068	91,050	18,211	○	—	—	—
100 x 96	2,00	1,663	73,950	14,790	○	—	—	—

○ Usually in stock

⊗ Upon request

## ■ EXTRUDED ROUND TUBES

Dxd mm.	e mm.	Weight Kgm	Mlx cm <sup>4</sup>	Wx cm <sup>3</sup>	Simag altok 63.60 6063,6060	Simag altok 82 6082	Magre altok 45 5083	Cobre altok 17.00 2017,2030
102 x 77	12,50	9,490	358,780	70,349	☉	—	—	—
105 x 75	15,00	11,451	441,351	84,066	☉	—	—	—
105 x 85	10,00	8,058	340,420	64,842	☉	—	—	—
106 x 100	3,00	2,621	128,840	24,310	☉	☉	—	—
110 x 60	25,00	18,025	655,070	119,104	☉	—	—	—
110 x 70	20,00	15,268	600,830	109,242	☉	—	—	—
110 x 80	15,00	12,087	517,630	94,114	☉	—	—	—
110 x 90	10,00	8,482	396,630	72,114	☉	☉	—	—
110 x 100	5,00	4,453	227,820	41,421	☉	☉	—	—
110 x 104	3,00	2,723	144,440	26,261	☉	—	—	—
115 x 75	20,00	16,116	703,230	122,300	☉	—	—	—
120 x 60	30,00	24,026	954,261	159,044	☉	—	—	—
120 x 80	20,00	16,965	816,820	136,136	☉	—	—	—
120 x 90	15,00	13,360	695,820	115,969	☉	—	—	—
120 x 100	10,00	9,331	527,000	87,834	☉	☉	—	☉
120 x 104	8,00	7,600	443,620	73,937	☉	—	—	—
120 x 106	7,00	6,710	398,160	66,360	☉	—	—	—
120 x 110	5,00	4,877	299,190	49,865	☉	☉	—	—
120 x 114	3,00	2,977	188,810	31,468	☉	—	—	—
125 x 100	12,50	11,928	707,550	113,208	☉	—	—	—
125 x 105	10,00	9,755	601,760	96,282	☉	—	—	—
125 x 115	5,00	5,089	339,880	54,381	☉	☉	—	—
125 x 119	3,00	3,105	214,050	34,249	☉	—	—	—
130 x 80	25,00	23,359	1.200,926	184,758	☉	—	—	—
130 x 90	20,00	18,661	1.079,930	166,142	☉	—	—	—
130 x 100	15,00	14,632	911,110	140,171	☉	—	—	—
130 x 110	10,00	10,179	683,300	105,123	☉	☉	—	—
130 x 120	5,00	5,301	384,110	59,094	☉	☉	—	—
130 x 125	2,50	2,704	203,560	31,317	☉	—	—	—
132 x 92	20,00	19,000	1.138,620	172,518	☉	—	—	—
135 x 95	20,00	19,509	1.230,620	182,315	☉	—	—	—
135 x 115	10,00	10,603	771,900	114,356	☉	—	—	—
135 x 117	9,00	9,619	710,600	105,274	☉	☉	—	—
135 x 125	5,00	5,514	432,020	64,003	☉	—	—	—
140 x 80	30,00	27,992	1.684,680	240,669	☉	—	—	—
140 x 90	25,00	24,387	1.563,680	223,383	☉	—	—	—
140 x 100	20,00	20,358	1.394,870	199,267	☉	—	—	—
140 x 110	15,00	15,904	1.167,060	166,722	☉	—	—	—
140 x 120	10,00	11,027	867,870	123,981	☉	—	—	—
140 x 125	7,50	8,429	687,320	98,189	☉	—	—	—
140 x 130	5,00	5,726	483,760	69,108	☉	—	—	—
144 x 103	20,50	21,475	1.558,190	216,415	☉	—	—	—
145 x 80	32,50	31,013	1.968,850	271,566	☉	—	—	—
145 x 112	16,50	18,867	1.397,515	192,761	☉	—	—	—
146 x 130	8,00	9,364	828,410	113,481	☉	—	—	—
150 x 100	25,00	26,507	1.994,180	265,891	☉	—	—	—
150 x 110	20,00	22,054	1.766,360	235,515	☉	—	—	—
150 x 115	17,50	19,668	1.626,510	216,868	☉	—	—	—
150 x 120	15,00	17,177	1.467,180	195,624	☉	—	—	—
150 x 125	12,50	14,579	1.286,630	171,551	☉	—	—	—
150 x 130	10,00	11,857	1.083,070	144,409	☉	☉	—	—
150 x 134	8,00	9,636	902,390	120,318	☉	—	—	—
150 x 135	7,50	9,065	854,610	113,948	☉	—	—	—
150 x 136	7,00	8,491	805,760	107,435	☉	—	—	—
150 x 138	6,00	7,329	704,780	93,971	☉	—	—	—
150 x 140	5,00	6,150	599,310	79,908	☉	—	—	—
150 x 144	3,00	3,741	374,380	49,918	☉	—	—	—

☉ Usually in stock

☉ Upon request

## ■ EXTRUDED ROUND TUBES

Dxd mm.	e mm.	Weight Kg/m	Mlx cm <sup>4</sup>	Wx cm <sup>3</sup>	Sinag altok 63,60 6063,6060	Sinag altok 82 6082	Magre altok 45 5083	Cobre altok 17,00 2017/2030
152 x 140	6,00	7,431	734,520	96,647	☉	—	—	—
155 x 100	27,50	31,201	2.342,459	302,253	☉	—	—	—
155 x 145	5,00	6,362	663,420	85,602	☉	—	—	—
155 x 149	3,00	3,868	413,890	53,405	☉	—	—	—
160 x 120	20,00	23,750	2.199,120	274,890	☉	—	—	—
160 x 130	15,00	18,449	1.815,010	226,876	☉	—	—	—
160 x 140	10,00	12,723	1.331,250	166,407	☉	—	—	—
160 x 144	8,00	10,315	1.106,330	138,291	☉	—	—	—
160 x 148	6,00	7,838	861,850	107,732	☉	—	—	—
160 x 150	5,00	6,574	731,940	91,493	☉	—	—	—
160 x 152	4,00	5,293	596,730	74,592	☉	—	—	—
161 x 153	4,00	5,327	608,280	75,562	—	☉	—	—
165 x 125	20,00	24,599	2.439,940	295,571	☉	—	—	—
170 x 130	20,00	25,447	2.697,850	317,394	☉	—	—	—
170 x 140	15,00	19,721	2.214,090	260,481	☉	—	—	—
170 x 145	12,50	16,700	1.929,920	227,050	☉	—	—	—
170 x 150	10,00	13,572	1.614,780	189,974	☉	—	—	—
170 x 160	5,00	6,998	882,840	103,863	☉	—	—	—
170 x 164	3,00	4,250	548,870	64,573	☉	—	—	—
180 x 140	20,00	27,143	3.267,260	363,029	☉	—	—	—
180 x 150	15,00	20,994	2.667,950	296,439	☉	—	—	—
180 x 160	10,00	14,420	1.936,010	215,112	☉	—	—	—
180 x 168	6,00	8,856	242,730	138,081	☉	—	—	—
180 x 170	5,00	7,422	1.053,170	117,019	☉	—	—	—
185 x 167	9,00	13,436	1.931,860	208,850	☉	—	—	—
190 x 170	10,00	15,268	2.297,300	241,821	☉	—	—	—
190 x 178	6,00	9,364	1.469,360	154,669	☉	—	—	—
190 x 180	5,00	7,846	1.244,120	130,960	☉	—	—	—
190 x 184	3,00	4,759	770,580	81,114	☉	—	—	—
200 x 100	50,00	63,617	7.363,130	736,313	—	☉	—	—
200 x 140	30,00	43,260	5.968,250	596,825	☉	—	—	—
200 x 150	25,00	37,110	5.368,950	536,895	☉	—	—	—
200 x 160	20,00	30,536	4.637,000	463,700	☉	—	—	—
200 x 170	15,00	23,538	3.754,160	375,416	☉	—	—	—
200 x 172	14,00	22,088	3.557,800	355,780	☉	—	—	—
200 x 175	12,50	19,880	3.250,130	325,013	☉	—	—	—
200 x 180	10,00	16,116	2.700,990	270,099	☉	—	—	—
200 x 184	8,00	13,029	2.227,450	222,745	☉	—	—	—
200 x 188	6,00	9,873	1.722,000	172,200	☉	☉	—	—
200 x 190	5,00	8,270	1.456,870	145,687	☉	—	—	—
200 x 192	4,00	6,650	1.183,230	118,323	☉	—	—	—
200 x 194	3,00	5,259	900,910	90,091	☉	—	—	—
208 x 200	4,00	6,922	1.334,070	128,276	☉	—	—	—
210 x 170	20,00	32,233	5.446,750	518,738	☉	—	—	—
210 x 180	15,00	24,811	4.393,580	418,436	☉	—	—	—
210 x 190	10,00	16,965	3.149,450	299,948	☉	—	—	—
210 x 200	5,00	8,694	1.692,590	161,199	☉	—	—	—
212 x 192	10,00	17,975	3.244,726	306,106	☉	—	—	—
219 x 211	4,00	7,295	1.561,660	142,617	☉	—	—	—

☉ Usually in stock

☉ Upon request

## ■ EXTRUDED ROUND TUBES

Dxd mm.	e mm.	Weight Kgm	Mlx cm <sup>4</sup>	Wx cm <sup>3</sup>	Slmag altok 63.60 6063,6060	Slmag altok 82 6082	Magje altok 45 5083	Cobre altok 17.00 2017,2030
220 x 160	30,00	48,349	8.282,040	752,913	☉	—	—	—
220 x 190	15,00	26,083	5.101,910	463,810	☉	—	—	—
220 x 200	10,00	17,813	3.645,040	331,367	☉	—	—	—
220 x 207	6,50	11,771	2.486,400	226,036	☉	—	—	—
230 x 180	25,00	43,472	8.583,690	746,407	☉	—	—	—
230 x 190	20,00	35,626	7.339,560	638,223	☉	—	—	—
230 x 200	15,00	27,355	5.882,70	511,539	☉	—	—	—
230 x 210	10,00	18,661	4.190,110	364,357	☉	—	—	—
230 x 218	6,00	11,400	2.650,13	230,446	☉	—	—	—
230 x 220	5,00	9,543	2.237,650	194,579	☉	—	—	—
236 x 185	25,50	45,531	9.477,290	803,160	☉	—	—	—
240 x 200	20,00	37,322	8.432,050	702,671	☉	—	—	—
240 x 210	15,00	28,628	6.739,470	561,622	☉	—	—	—
240 x 220	10,00	19,509	4.787,010	398,918	☉	—	—	—
240 x 230	5,00	9,967	2.549,360	212,447	☉	—	—	—
248 x 229	9,50	19,219	5.069,190	408,805	☉	—	—	—
250 x 220	15,00	29,900	7.675,760	614,061	☉	—	—	—
250 x 226	12,00	24,226	6.369,060	509,525	☉	—	—	—
250 x 230	10,00	20,358	5.438,11	435,049	☉	—	—	—
250 x 234	8,00	16,422	4.457,290	356,584	☉	—	—	—
250 x 240	5,00	10,391	2.888,75	321,100	☉	—	—	—
252 x 234	9,00	18,551	5.078,290	403,039	☉	—	—	—
254 x 246	4,00	8,482	2.455,000	193,307	☉	—	—	—
260 x 150	55,00	95,638	19.946,750	1.534,366	—	☉	—	—
260 x 200	30,00	58,528	14.577,810	1.121,370	☉	—	—	—
260 x 240	10,00	21,206	6.145,760	472,750	☉	—	—	—
260 x 250	5,00	10,815	3.257,000	250,539	☉	—	—	—
262 x 190	36,00	69,012	16.732,890	1.277,320	☉	—	—	—
270 x 180	45,00	85,883	20.934,100	1.550,674	—	☉	—	—
273 x 236	18,50	39,937	12.038,84	881,967	—	—	☉	—
273 x 265	4,00	9,127	3.058,260	224,048	☉	—	—	—
277 x 257	10,00	22,648	7.485,200	540,448	—	☉	—	—
280 x 260	10,00	22,902	7.740,120	552,866	☉	—	—	—
300 x 245	27,50	63,564	22.074,650	1.471,643	☉	—	—	—
300 x 268	16,00	38,544	14.438,170	962,545	☉	—	—	—
300 x 277	11,50	28,142	10.861,400	724,093	☉	—	—	—
300 x 280	10,00	24,599	9.588,95	639,263	☉	—	—	—
303 x 267	18,00	43,514	16.428,460	1.084,387	☉	—	—	—
303 x 269	17,00	41,241	15.672,550	1.034,492	☉	—	—	—
310 x 255	27,50	65,897	24.577,910	1.585,672	—	☉	—	—
310 x 270	20,00	49,197	19.246,230	1.241,692	☉	—	—	—
312 x 300	6,00	15,574	6.753,720	432,931	☉	—	—	—
322 x 289	16,50	42,757	18.528,400	1.150,847	☉	—	—	—
323,9 x 289,4	17,25	46,942	19.547,644	1.207,017	—	—	☉	—
324 x 311	6,50	17,505	8.173,11	504,513	—	☉	—	—
350 x 330	10,00	28,840	15.448,030	882,745	☉	—	—	—
355 x 330	12,50	38,097	19.748,346	1.112,583	—	—	☉	—
360 x 340	10,00	29,688	16.850,760	936,153	☉	—	☉	—
365 x 314	25,50	73,434	39.406,120	2.159,239	☉	—	—	—
366 x 350	8,00	25,486	14.421,711	788,072	☉	—	—	—
400 x 379	10,50	35,333	24.383,053	1.219,153	☉	—	—	—

☉ Usually in stock

☉ Upon request

## ■ EXTRUDED ROUND TUBES

### Other alloys:

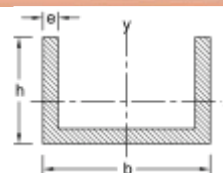
Dxd mm.	e mm.	Weight Kg/m	Mlx cm <sup>4</sup>	Wx cm <sup>3</sup>	Puraltok 99,5 1050	Magnealtok 30 5754	Alzintok 75 7075
12 x 8	2,00	0,173	0,082	0,136	○	—	—
18 x 13	2,50	0,335	0,375	0,417	—	○	—
22 x 17	2,50	0,421	0,740	0,673	—	○	—
28 x 23	2,50	0,551	1,644	1,174	—	○	—
60 x 50	5,00	2,333	32,940	10,979	○	—	—
70 x 40	15,00	7,128	105,293	30,084	—	—	○
80 x 40	5,00	3,181	83,200	20,801	○	—	—

○ Usually in stock      ○ Upon request

**Mlx:** Moment of inertia about x axis. **Wx:** Flexural modulus about x axis. **Standard lenght:** 6050 mm.

**Usual temper:** - Simagaltok 63/6063: T5 - Simagaltok 82/6082: T6  
Other temper available upon request

# STANDARD PROFILES



## U - PROFILE TUBES

b x h mm.	e mm.	Weight Kg/m	Mlx cm <sup>4</sup>	Mly cm <sup>4</sup>	Wx cm <sup>3</sup>	Wy cm <sup>3</sup>	Simagaltok 63/60 6063/6060	Simagaltok 82 6082
10 x 10	1,50	0,115	0,039	0,059	0,064	0,118	☐	—
15 x 15	2,00	0,232	0,181	0,278	0,196	0,370	☐	—
16 x 16	1,50	0,191	0,176	0,281	0,174	0,351	☐	—
20 x 20	1,50	0,242	0,354	0,576	0,277	0,576	☐	—
20 x 20	2,00	0,318	0,453	0,719	0,360	0,719	☐	—
25 x 15	2,00	0,289	0,218	0,950	0,214	0,760	☐	—
25 x 25	2,00	0,402	0,913	1,480	0,574	1,184	☐	—
30 x 15	1,50	0,242	0,182	1,161	0,170	0,774	☐	—
30 x 20	3,00	0,544	0,731	2,542	0,554	1,694	☐	—
30 x 30	2,00	0,488	1,613	2,649	0,839	1,766	☐	—
40 x 20	2,00	0,431	0,576	3,668	0,404	1,834	☐	—
40 x 25	3,00	0,714	1,524	6,128	0,899	3,064	☐	—
40 x 40	2,00	0,658	3,928	6,559	1,517	3,279	☐	—
40 x 40	4,00	1,270	7,246	11,503	2,882	5,751	☐	☐
43,4 x 41,5	1,50	0,525	3,860	6,541	1,361	3,014	☐	—
50 x 20	2,00	0,448	0,616	6,233	0,416	2,493	☐	—
50 x 25	3,00	0,799	1,641	10,425	0,930	4,170	☐	—
60 x 15	1,50	0,370	0,220	6,166	0,185	2,055	☐	—
60 x 20	2,00	0,544	0,648	9,658	0,425	3,219	☐	—
60 x 30	4,00	1,270	3,711	23,535	1,764	7,845	☐	—
60 x 30	5,00	1,559	4,433	27,958	2,143	9,319	☐	—
60 x 40	5,00	1,843	10,097	35,542	3,777	11,847	☐	—
70 x 20	2,00	0,601	0,675	14,042	0,432	4,012	☐	—
76 x 35	5,00	1,928	7,463	56,161	3,012	14,779	☐	—
80 x 20	2,00	0,658	0,696	19,487	0,438	4,872	☐	—
80 x 40	2,00	0,885	4,952	31,658	1,693	7,914	☐	—
80 x 40	3,00	1,310	7,164	45,723	2,480	11,431	☐	—
80 x 40	4,00	1,722	9,216	58,692	3,231	14,673	☐	☐
80 x 40	6,00	2,517	12,896	81,578	4,637	20,394	☐	☐
80 x 45	7,00	3,096	20,442	100,960	6,694	25,240	☐	☐
100 x 20	2,00	0,771	0,730	33,956	0,447	6,791	☐	—
100 x 40	4,00	1,950	9,861	99,727	3,328	19,945	☐	☐
100 x 40	5,00	3,682	33,083	151,083	16,542	30,217	☐	—
100 x 45	2,00	1,055	7,338	57,970	2,184	11,594	☐	—
100 x 50	5,00	2,693	22,501	143,292	6,310	28,658	☐	☐
100 x 50	6,00	3,198	26,252	166,794	7,437	33,359	☐	☐

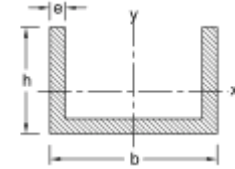
☐ Usually in stock   ☐ Upon request   ☐ Bajo pedido y cantidad mínima

**Mlx:** Moment of inertia about x axis. **Wx:** Flexural modulus about x axis. **Standard lenght:** 6050 mm.

**Usual temper:** - Simagaltok 63/6063: T5 - Simagaltok 82/6082: T6

Other tempers available upon request

Si no encuentra las dimensiones o aleaciones deseadas consúltenos.



## U - PROFILE TUBES

b x h mm.	e mm.	Weight Kgm	Mlx cm <sup>4</sup>	Mly cm <sup>4</sup>	Wx cm <sup>3</sup>	Wy cm <sup>3</sup>	Simag altok 63.60 6063.6060	Simag altok 82 6082
120 x 30	2,00	0,998	2,458	67,791	1,015	11,298	☐	—
120 x 60	6,00	5,710	116,467	360,115	38,822	60,019	☐	—
125 x 63	6,00	4,065	54,241	340,015	12,060	54,402	☐	—
130 x 50	8,00	4,708	35,947	396,876	9,934	61,058	☐	☐
135 x 25	2,00	1,026	1,487	81,694	0,714	12,103	☐	—
140 x 60	8,00	5,529	62,309	545,796	14,419	77,971	☐	☐
150 x 50	5,00	3,402	25,328	377,250	6,643	50,300	☐	—
150 x 75	10,00/13,00	9,031	162,195	1.025,493	31,157	136,725	☐	☐
152,4 x 76,2	6,35/9,53	6,504	125,724	800,299	23,185	105,026	☐	☐
152,4 x 76,2	9,53/12,70	8,904	166,092	1.051,371	31,284	137,975	☐	☐
160 x 80	10,00	8,505	177,967	1.130,000	31,592	141,250	☐	☐
177,8 x 63,5	6,35	5,258	64,670	831,054	13,501	93,482	☐	☐
200 x 75	14,00	12,780	206,720	2.413,372	38,430	241,337	☐	—
200 x 100	12,00	12,780	420,025	2.668,698	59,497	266,870	☐	☐
203,2 x 58,2	6,35	5,525	52,106	1.082,117	11,530	106,508	☐	☐
203,2 x 76,2	7,90/12,70	9,791	170,647	1.985,828	30,442	195,456	☐	☐
254 x 76,2	6,35	7,081	119,688	2.227,597	20,114	175,401	☐	☐
300 x 125	6/8	10,114	588,999	5.490,646	65,301	366,043	☐	☐
300 x 125	10,00	15,012	764,529	7.087,667	82,316	472,511	☐	☐

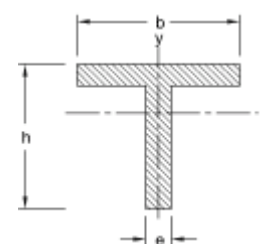
☐ Usually in stock

☐ Upon request

**Mlx:** Moment of inertia about x axis. **Wx:** Flexural modulus about x axis. **Standard length:** 6050 mm.

**Usual temper:** - Simagaltok 63/6063: T5 - Simagaltok 82/6082: T6

Other temper available upon request

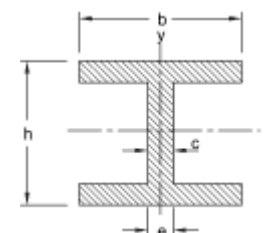


## T & H - PROFILE TUBES

b x h mm.	e mm.	Weight Kgm	Mlx cm <sup>4</sup>	Mly cm <sup>4</sup>	Wx cm <sup>3</sup>	Wy cm <sup>3</sup>	Simag altok 63.60 6063.6060	Simag altok 82 6082	Simag altok 05 6005
15 x 15	1,50	0,121	0,091	0,043	0,085	0,057	T	—	—
20 x 20	1,50	0,164	0,224	0,101	0,155	0,101	T	—	—
20 x 20	2,00	0,215	0,288	0,135	0,202	0,135	T	—	—
25 x 25	1,50	0,206	0,447	0,196	0,246	0,157	T	—	—
30 x 30	2,00	0,329	1,020	0,452	0,469	0,301	T	—	—
40 x 40	2,00	0,442	2,476	1,069	0,846	0,535	T	—	—
40 x 40	4,00	0,862	4,608	2,153	1,615	1,076	T	—	—
50 x 50	2,00	0,555	4,908	2,087	1,335	0,835	T	—	—
50 x 50	5,00	1,347	11,250	5,255	3,155	2,102	T	—	—
60 x 60	3,00	0,995	12,536	5,413	2,856	1,804	T	—	—
70 x 70	2,00	0,782	13,696	5,721	2,646	1,635	T	—	—
80 x 80	6,40	2,787	60,691	27,467	10,531	6,867	T	—	—
100 x 70	4,00	1,882	29,118	33,369	5,384	6,674	T	—	T
100 x 100	10,00	5,382	180,004	84,083	25,240	16,817	T	T	T
104 x 80	6/8	3,513	71,030	65,826	11,838	12,659	T	—	—

**T** Usually in stock

**T** Upon request



b x h mm.	e mm.	Weight Kgm	Mlx cm <sup>4</sup>	Mly cm <sup>4</sup>	Wx cm <sup>3</sup>	Wy cm <sup>3</sup>	Simag altok 63.60 6063.6060	Simag altok 82 6082	Simag altok 05 6005
25 x 46	2,50	0,793	3,090	4,058	2,472	1,764	I	—	—
82 x 46,5	3,00	1,436	54,526	5,044	13,299	2,170	I	—	—
80 x 60/50	6,00	3,025	106,274	16,760	26,568	6,095	—	I	—

**I** Usually in stock

**Mlx**: Moment of inertia about x axis. **Wx**: Flexural modulus about x axis. **Standard length**: 6050 mm.

**Usual temper**: - Simagaltok 63/6063: T5 - Simagaltok 82/6082: T6

Other temper available upon request